



JSL INDUSTRIES LTD.

Three Phase DOL
Submersible Pump Controller
with Air Break Contactor
Type : C3SS



For Reliable Protection



ISO 9001 : 2015

Now with **SHOCK PROOF
& RUST PROOF**
Enclosure

THREE PHASE DOL AIR BREAK SUBMERSIBLE PUMP CONTROLLER

C3SS : From 1 HP to 25 HP

'JSL' three phase DOL Air Break submersible pump controller type : C3SS are specially designed and developed for starting three phase submersible pumps, available from 1 HP to 25 HP ratings. This controller comprises of a Contactor, Thermal over load relay, Ammeter, Voltmeter, Indicating lights and other electrical components.

The premier version controller are available with voltmeter selector switch, Single phasing preventor with high and low voltage protection and Auto switch to select the operation mode.

STANDARD FEATURES :

- Maintenance free, Rust proof and Shock proof enclosure.
- Air Break Contactors for reliable operation against wide voltage variation.
- Thermal over load relay with inbuilt single phasing protection.
- Pump ON indication

- Ammeter and Voltmeter to check current and voltage
- Wide range of relay selection
- Enclosures with IP53 protection grade
- Easy termination

FEATURES FOR PREMIER VERSION CONTROLLER : Type : C3SS-(PREM)

- Selection of Voltage indication available : Vry - off - Vyb
- Negative sequence voltage sensing SPP provided.
- Automatically starts the motor in Auto mode
- Protects motor from running in two phases
- Total safety against single phasing
- Protection against phase reversal
- Protection against High & Low voltage
- Protection against Unbalance voltage
- Starting time delay of approx 30 seconds

TABLE 1 : Technical details of Type : C3SS controller

TYPE		RATING, KW/HP	FULL LOAD CURRENT AMP	RELAY RANGE, AMP	RECOMMENDED BACK-UP HRC FUSE RATING, AMP
C3SS - 5 (ECO)	C3SS - 5 (PREM)	0.75 / 1	2	1.6 - 2.5	6
C3SS - 5 (ECO)	C3SS - 5 (PREM)	1.2 / 1.5	2.8	2.0 - 3.2	6
C3SS - 5 (ECO)	C3SS - 5 (PREM)	1.5 / 2	3.5	3.2 - 5.0	10
C3SS - 5 (ECO)	C3SS - 5 (PREM)	2.2 / 3	5	4.0 - 6.3	10
C3SS - 5 (ECO)	C3SS - 5 (PREM)	3.7 / 5	7.5	6.3 - 10	16
C3SS - 10 (ECO)	C3SS - 10 (PREM)	5.5 / 7.5	11	10.0 - 16.0	20
C3SS - 10 (ECO)	C3SS - 10 (PREM)	7.5 / 10	14	12.5 - 20.0	25
C3SS - 15 (ECO)	C3SS - 15 (PREM)	11 / 15	21	16.0 - 25.0	35
C3SS - 20 (ECO)	C3SS - 20 (PREM)	15 / 20	28	20.0 - 32.0	50
C3SS - 25 (ECO)	C3SS - 25 (PREM)	18.5 / 25	34	25.0 - 36.0	50



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**FOR FURTHER ENQUIRIES
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